



## JABATAN PELAJARAN NEGERI TERENGGANU

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**PEPERIKSAAN PERCUBAAN  
SIJIL PELAJARAN MALAYSIA 2011**

**3765/1**

**INFORMATION AND COMMUNICATION TECHNOLOGY**

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### **SKEMA JAWAPAN**

#### **Pengiraan Markah :**

<b>Kertas 1</b>	<b>: 70%</b>
<b>Kerja Kursus</b>	<b>: 30% (+)</b>
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<b>Jumlah</b>	<b>: 100%</b>
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**Section A****Answer Sheet**

Question No. <i>No. Soalan</i>		Candidate's Answer <i>Jawapan Calon</i>	Marks <i>Markah</i>
1	(i)	C	1
	(ii)	B	2
2	(i)	Guideline	3
	(ii)	rule	4
3	(i)	data backup	5
	(ii)	Cryptography	6
4		True	7
5		A	8
6	(i)	C	9
	(ii)	A	10
7		False	11
8		True	12
9		True	13
10		True	14
11		Bus Topology	15
12		Wireless Router	16
13	(i)	A or B	17
	(ii)	B or A	18
14		Web-based	19
15		D	20
16		Graphic/image editor	21
17	(i)	Consistency	22
	(ii)	Context	23
18		implementation	24
19	(i)	Third or 3GL	25
	(ii)	natural	26
20	(i)	Selection	27
	(ii)	Sequence	28
21	(i)	Coding	29
	(ii)	Documentation	30
22	(i)	Data	31
	(ii)	Software	32
23		DBMS	33
24	(i)	foreign	34
	(ii)	primary	35
25		B	36

## Section B

26. (a) (i) RAM - 1 mark  
 (ii) ROM - 1 mark
- (b) RAM holds temporary data/programs while ROM holds permanent data/program. - 2 marks
27. (a) Local Area Network - 1 mark
- (b)
- Sharing data and information.
  - Sharing of program/software.
  - Sharing hardware such as printer.
  - Computer networks provide communication possibilities faster than other facilities.
  - Computer networks allow the user to access remote programs and remote databases either of the same organization or from other enterprises or public sources.
  - Facilitating communications – using a network, people communicate efficiently and easily via email, instant messaging, chats rooms, video telephones calls, video conferencing, internet telephony, wireless messaging services and groupware.
- \* **any three** (3 marks)

28. (a) (i) graphic artist - 1 mark  
 (ii) audio-video technician - 1 mark
- (b) (i) draw/edit graphics - 1 mark  
 (ii) take/edit audio/video - 1 mark

29. (a) Mathematical Operators  
 Logical Operators  
 Relational Operators  
 \* **any two** (2 marks)

- (b) Differences in Mathematical, Relational Operators, Logical Operators

OPERATOR	MATHEMATICAL	RELATIONAL	Logical
Function	Perform mathematical operations such as plus or subtract.	Perform element-by-element comparisons between two elements.	Perform element-by-element comparisons between two arrays.
Symbols	+, -, /, *	>, <, =, >=, <=, <>	AND, OR, NOT

- \* **any pairs** (2 marks)

30.

- The information is easy to access at any time.  
*Maklumat mudah diperoleh bila-bila masa.*
- It's more easily retrievable.  
*Ia boleh dicapai dengan mudah.*
- Many people can access the same database at the same time.  
*Ramai orang boleh mengakses pangkalan data sama pada masa yang sama.*
- Improved data security.  
*Keselamatan data yang bertambah baik.*
- Reduced data entry, storage, and retrieval costs.  
*Kemasukan data berkurang, storan, dan kos-kos dapatan.*

- \* **any four** (4 marks)

